

AMENDMENT

In The Specification:

On page 1, lines 1-3, please replace the present title with the following new title,
-- A Voice Recognition System for Navigating on the Internet --. A marked-up version of the title appears in Appendix A with additions underlined and deletions in brackets.

In The Claims:

Please replace the same-numbered existing claims in the application with the following amended claims, and add new claims 19-33. Marked-up versions of the claims showing additions underlined and deletions bracketed are attached at Appendix B.

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1. (Amended) A method for recognizing voice commands for manipulating data on the Internet, comprising the steps of:
providing data on a website on the Internet;
receiving voice signals from a user accessing the website;
establishing an identity of the user through the voice signals;
interpreting the voice signals of the user for determining navigation commands; and
outputting selected data of the website based on the navigation commands.

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3. (Amended) A method as recited in claim 1, further comprising comparing the identity to a data base of persons cleared for access to the data; and
allowing the user to access the data if the user is included in the database.

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7. (Amended) A computer program embodied on a computer readable medium for recognizing voice commands for manipulating data on the Internet, comprising:
a code segment that provides data on a website on the Internet;
a code segment that receives voice signals from a user accessing the website;

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a code segment that compares voice signals from the user with a previously-recorded voice sample to establish an identity of the user;

a code segment that interprets the voice signals of the user for determining navigation commands; and

a code segment that outputs selected data of the website based on the navigation commands.

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13. (Amended) A system for recognizing voice commands for manipulating data on the Internet, comprising:

logic that provides data on a website on the Internet;

logic that receives voice signals from a user accessing the website;

logic that compares the voice signals from the user to previously-stored voice samples of the user to establish an identity of the user;

logic that interprets the voice signals of the user for determining navigation commands; and

logic that outputs selected data of the website based on the navigation commands.

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19. (new) A method for recognizing voice commands for manipulating data on the Internet, the method comprising:

receiving a voice signal from a person cleared for access to the data;

characterizing the voice signal and storing a plurality of parameters indicative of a voice of the person;

receiving voice signals from a user desiring access to the data;

comparing the voice signals to a data base of voice signals for persons cleared for access to the data;

allowing the user to access the data if the user is included in the database; and

interpreting the voice signals of the user for determining navigation commands.

20. (new) The method of Claim 19 further comprising outputting selected data based on the navigation commands.

21. (new) The method of Claim 19 wherein the voice signal is characterized by statistical parameters.

22. (new) The method of Claim 19 wherein the step of comparing is accomplished with a speech recognition algorithm.

AS 23. (new) The method of Claim 19 wherein the step of receiving voice signals is accomplished at a first site and the step of comparing is accomplished at a second site.

24. (new) The method of Claim 19 further comprising:
generating a signal indicative of a result of the step of comparing; and
sending the signal to a processing unit allowing access to the data.

25. (new) The method of Claim 19 wherein the voice signal from a person is a password and the data to which access is allowed depends on the password.

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BS } 26. (new) A system for accessing and navigating data on the Internet using voice signals, comprising:
a transducer for transducing and transmitting signals indicative of a voice;
a terminal for receiving signals indicative of the voice, the terminal further comprising
a receiver, an analog front end, and a codec;
an interface between the terminal and a processor;

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135 } a processor for receiving and processing signals from the transducer and the terminal through the interface,

wherein a user inputs a voice signal to the transducer, access to the data on the Internet is allowed if the voice signal matches a previously-stored voice signal from the user, and the system interprets the voice signals of the user for determining navigation commands.

27. (new) The system of Claim 26, wherein the transducer is selected from the group consisting of a microphone, an optical transducer, and a radio-frequency transducer.

A5 28. (new) The system of Claim 26, wherein the interface is selected from the group consisting of an interface circuit, and a transmitter for transmitting digitized sound data and a terminal for receiving the digitized sound data.

29. (new) The system of Claim 26, wherein the interface comprises a digital signal processor, a transmitter, a terminal unit, and an interface circuit, wherein the receiver conditions sounds from the transducer, the codec performs an analog-to-digital conversion of the conditioned sounds, the digital signal processor analyzes a signal of the digitized sound to extract spectral and statistical data, and the transmitter transmit the data to the processor for receiving and processing signals.

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135 } 30. (new) A computer program embodied on a computer readable medium for recognizing voices and voice commands for accessing and manipulating data on the Internet, the program comprising:

a code segment for receiving and digitizing voice signals from a user;

a code segment for analyzing the voice signals and determining statistical parameters indicative of the voice and voice commands from the user;